

Dover Freight Study

(Air Cargo Freight Access Study)

Community Workshop

April 21, 2021

Welcome to the second

Dover Freight Study (Air Cargo Freight Access Study) Community Workshop

Agenda

- Workshop Format
- Poll Questions
- Q & A
- Study Area
- Purpose and Need
- Study Status Update
- Revised Conceptual Alternatives
- Next Steps



Please review the information and provide feedback.
Your feedback is very important.



HOW TO PARTICIPATE

- How can I participate in this workshop?
 - You can listen using your computer speakers or by calling in on your phone.
 - To listen to the audio for this event using your phone, please call:
 - Phone Number: **301-715-8592**
 - Webinar ID: **873 7874 3581**
 - Passcode: **079161**
- All attendees, whether on the phone or using computer speakers, will be joining this session in listen-only mode.

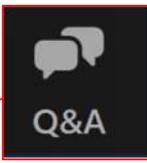
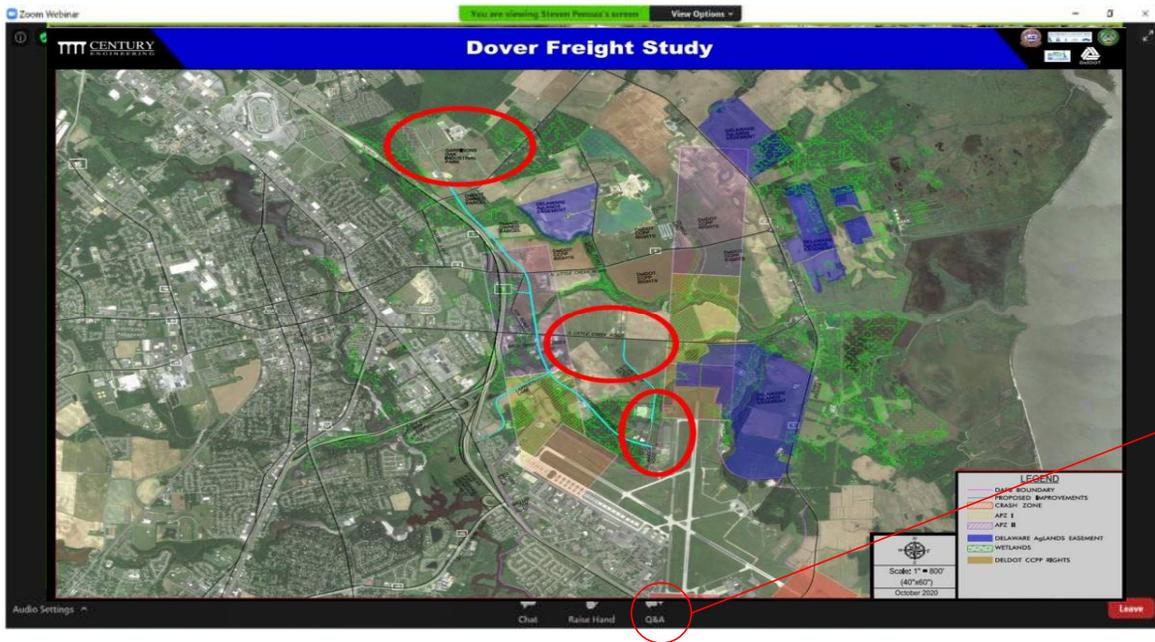


- *9 – Raise Hand
- *6 – Unmute/Mute



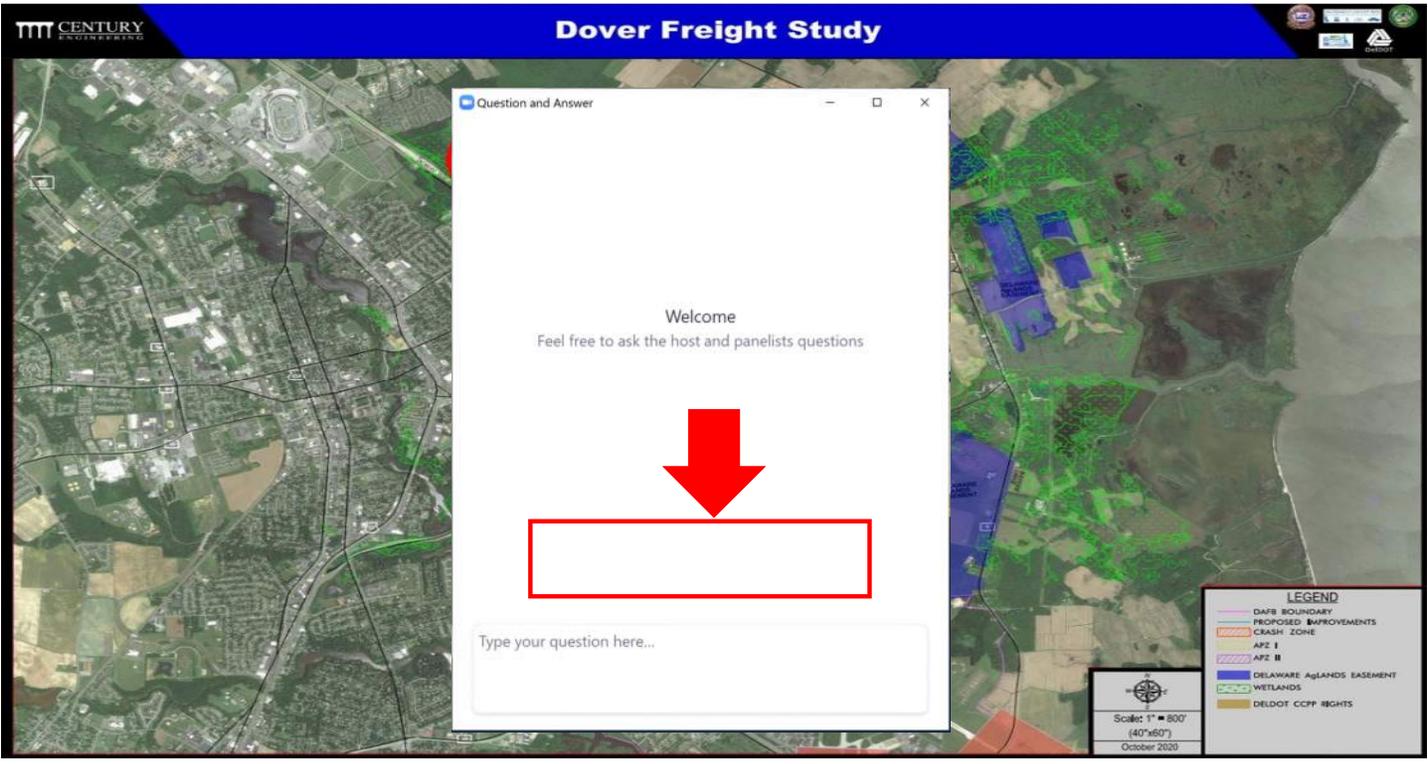
To Ask A Question

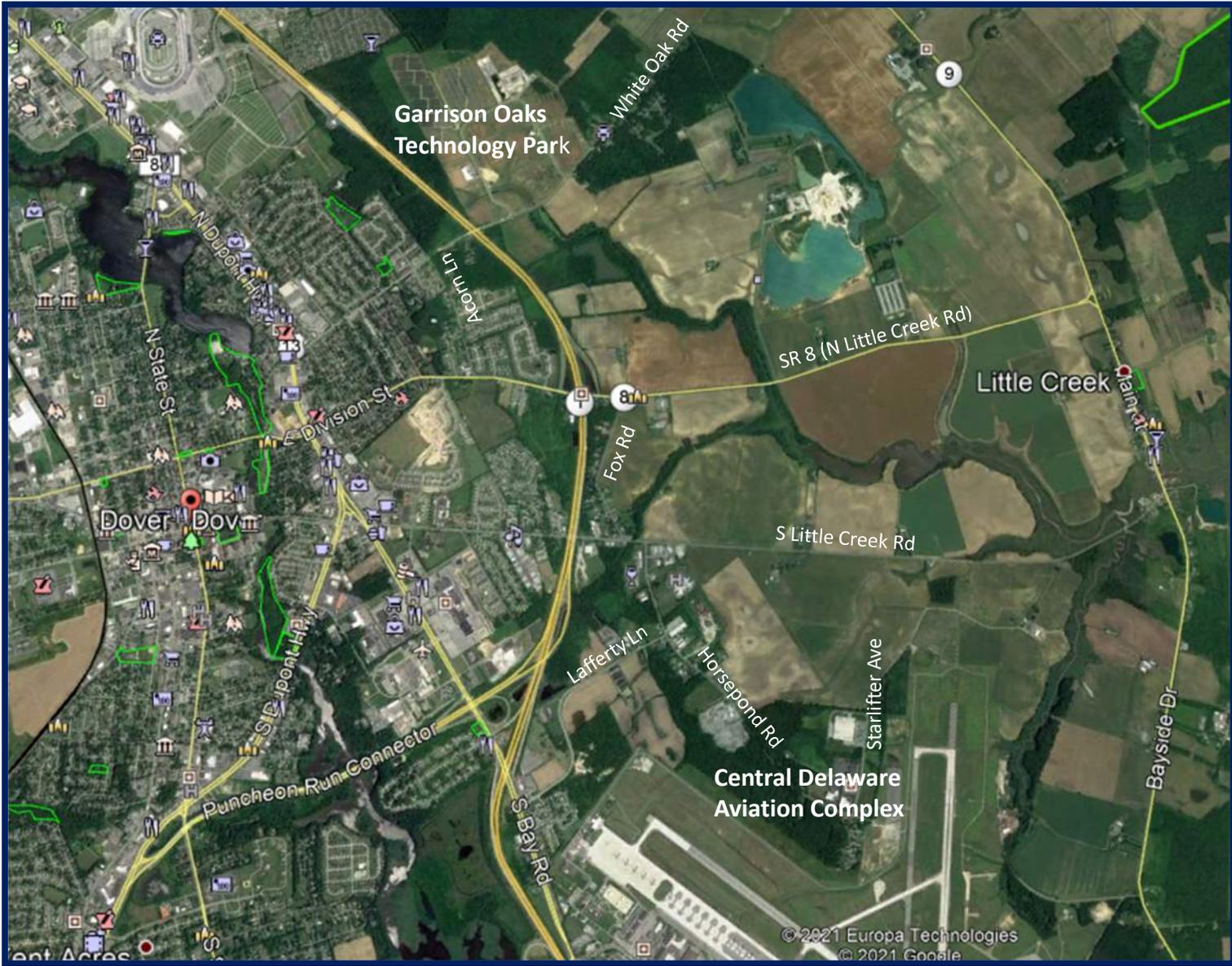
- During the session, please type all questions and comments in the Q&A box which is on the button bar at the bottom of your screen. Move your mouse to the bottom of the screen and the bar will appear. (see below)



To Ask A Question

Simply type your question or comment into the Q&A dialog box (see below)





Study Area



Poll Question 1

Do you live or work in the study area?

- A. Live
- B. Work
- C. Live and Work
- D. Neither



Enhance connections and access to the Central Delaware Aviation Complex (CAT) and Garrison Oaks Technology Park to and from the regional highway network

Improve connections between the CAT and the Garrison Oaks Technology Park

Make both the CAT and Garrison Oaks Technology Park potentially more attractive areas for industries to consider locating

Reduce traffic, particularly heavy-truck traffic, on the area's local roadway network

Support future land use for the area as identified in both the Kent County and City of Dover Comprehensive Plans

Purpose
And
Need



Poll Question 2

Do you agree with the Purpose and Need of This Study?

- A. Yes
- B. No
- C. Unsure



First Community Workshop October 28, 2020

- 13 Registered – 11 Attended
- 5 Polling Questions Asked and Tabulated
- 15 Questioned Asked and Answered
- 6 Post Workshop Survey Questions Asked Tabulated

Business Owners Survey January 2021

- 97 Business Surveys Distributed
- 11 Questions Asked and Tabulated

Office of State Planning Meeting February 24, 2021

- Consensus with OSP

Business Owners Meeting March 23, 2021

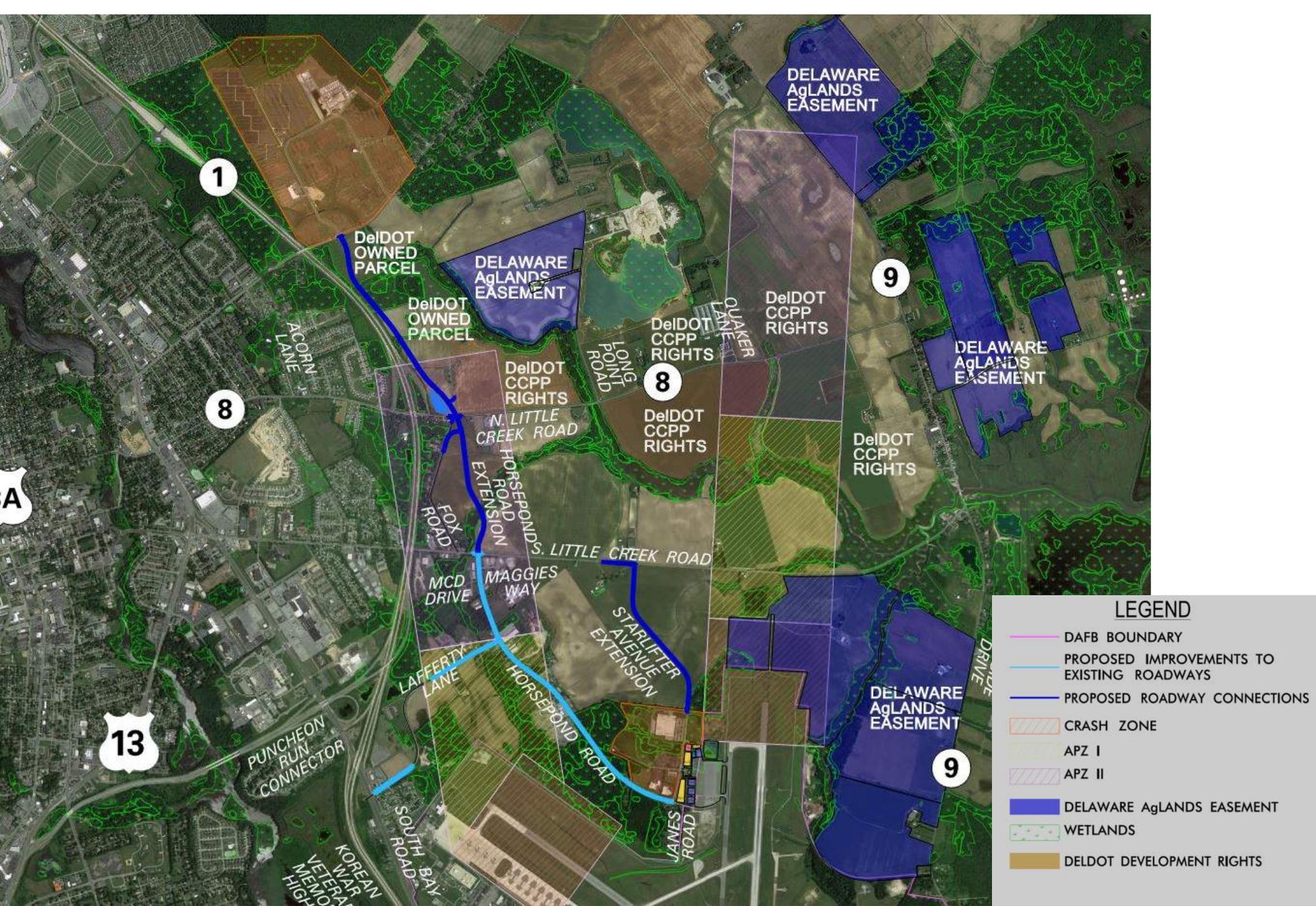
- 10 Businesses Contacted
- 5 Businesses Attended

Revisions to Conceptual Alternatives October 2020 – April 2021

- Based on Feedback from Community and Area Businesses
- Input from City, County and OSP

Study Status





A

13

1

8

8

9

9

DeIDOT OWNED PARCEL

DELAWARE AgLANDS EASEMENT

DeIDOT OWNED PARCEL

DeIDOT CCPP RIGHTS

DeIDOT CCPP RIGHTS

DELAWARE AgLANDS EASEMENT

DELAWARE AgLANDS EASEMENT

DeIDOT CCPP RIGHTS

DELAWARE AgLANDS EASEMENT

ACCORN LANE

LONG POINT ROAD

QUAKER LANE

N. LITTLE CREEK ROAD

FOX ROAD

HORSEPOUND ROAD EXTENSION

S. LITTLE CREEK ROAD

MCD DRIVE

MAGGIES WAY

STARLIFTER AVENUE EXTENSION

LAFFERTY LANE

HORSEPOUND ROAD

JAMES ROAD

PUNCHEON RUN CONNECTOR

KOREAN WAR VETERAN MEMORIAL HIGHWAY

SOUTH ROAD



DOVER
AERO
PARK

STARLIFTER AVENUE

HORSEPOND ROAD

CENTRAL
DELAWARE
AVIATION
COMPLEX

FUEL FARM
AUTO PKG. 16,078 SF
SUPPORT AREA 11,785 SF
HANGAR 150' X 200'

AUTO PKG. 53,470 SF

AUTO PKG. 96,490 SF

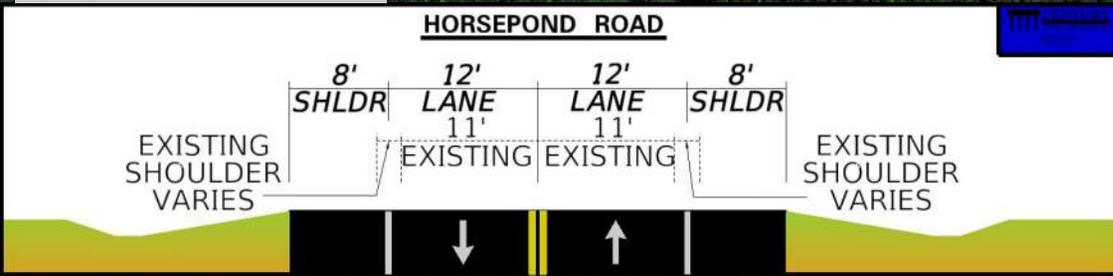
HANGAR 150' X 200'

HANGAR 150' X 200'

HANGAR 150' X 200'

LEGEND

-  DAFB BOUNDARY
-  PROPOSED IMPROVEMENTS
-  PROPOSED ROADWAY REMOVAL
-  PROPOSED CURB
-  PROPOSED LIMIT OF CONSTRUCTION
-  PROPOSED RIGHT-OF-WAY
-  PROPOSED DITCH
-  PROPOSED DRAINAGE PIPE
-  CRASH ZONE
-  APZ I
-  APZ II
-  DELAWARE AgLANDS EASEMENT
-  WETLANDS
-  DELDOT DEVELOPMENT RIGHTS

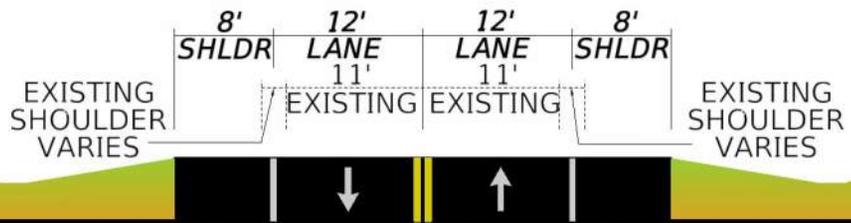


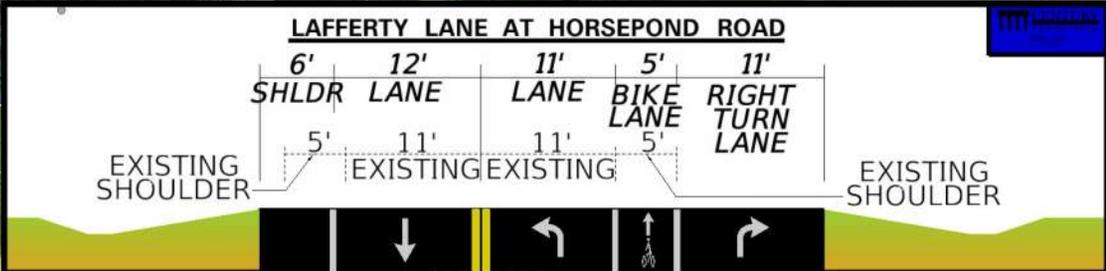
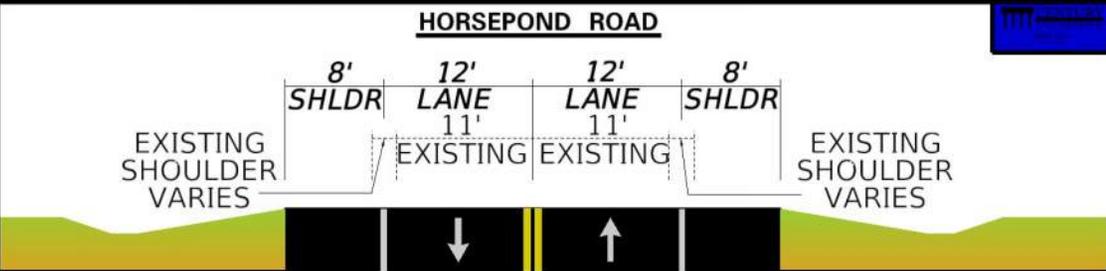
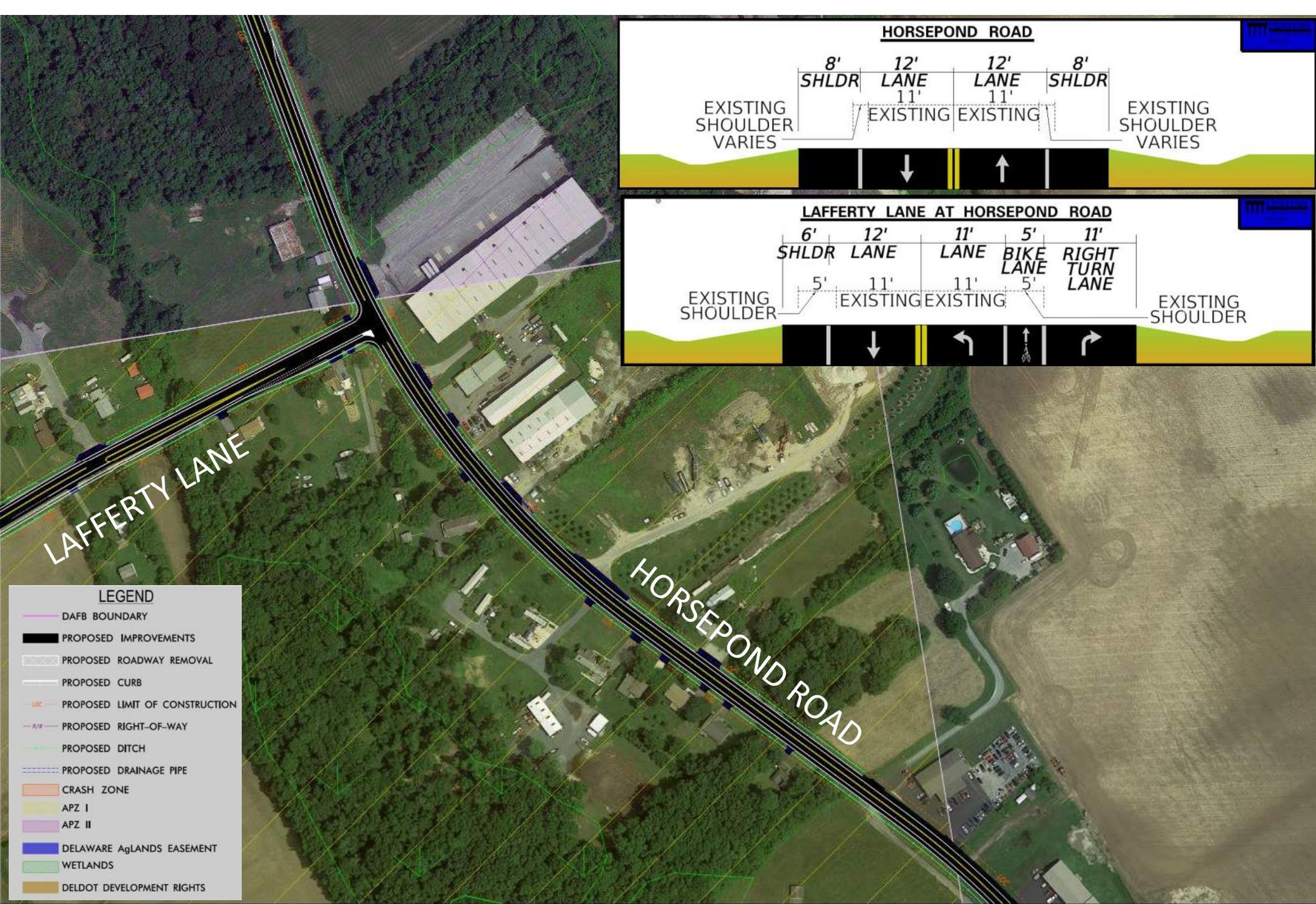


LEGEND

-  DAFB BOUNDARY
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-  PROPOSED ROADWAY REMOVAL
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-  APZ I
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HORSEPOND ROAD





LEGEND

- DAFB BOUNDARY
- PROPOSED IMPROVEMENTS
- PROPOSED ROADWAY REMOVAL
- PROPOSED CURB
- PROPOSED LIMIT OF CONSTRUCTION
- PROPOSED RIGHT-OF-WAY
- PROPOSED DITCH
- PROPOSED DRAINAGE PIPE
- CRASH ZONE
- APZ I
- APZ II
- DELAWARE AgLANDS EASEMENT
- WETLANDS
- DELDOT DEVELOPMENT RIGHTS

HORSEPOND
ROAD
EXTENSION

S. LITTLE CREEK ROAD

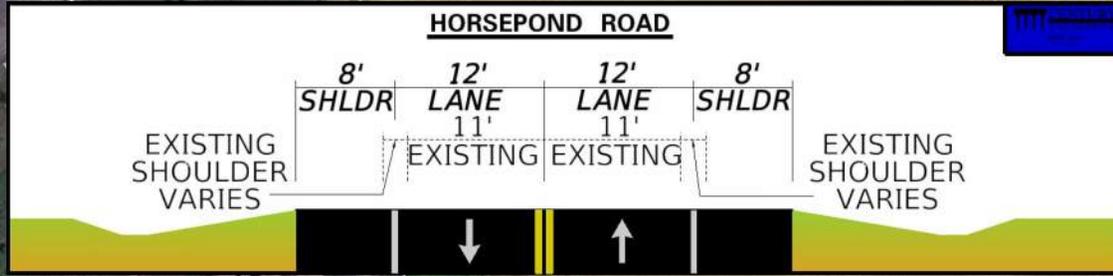
MAGGIES WAY

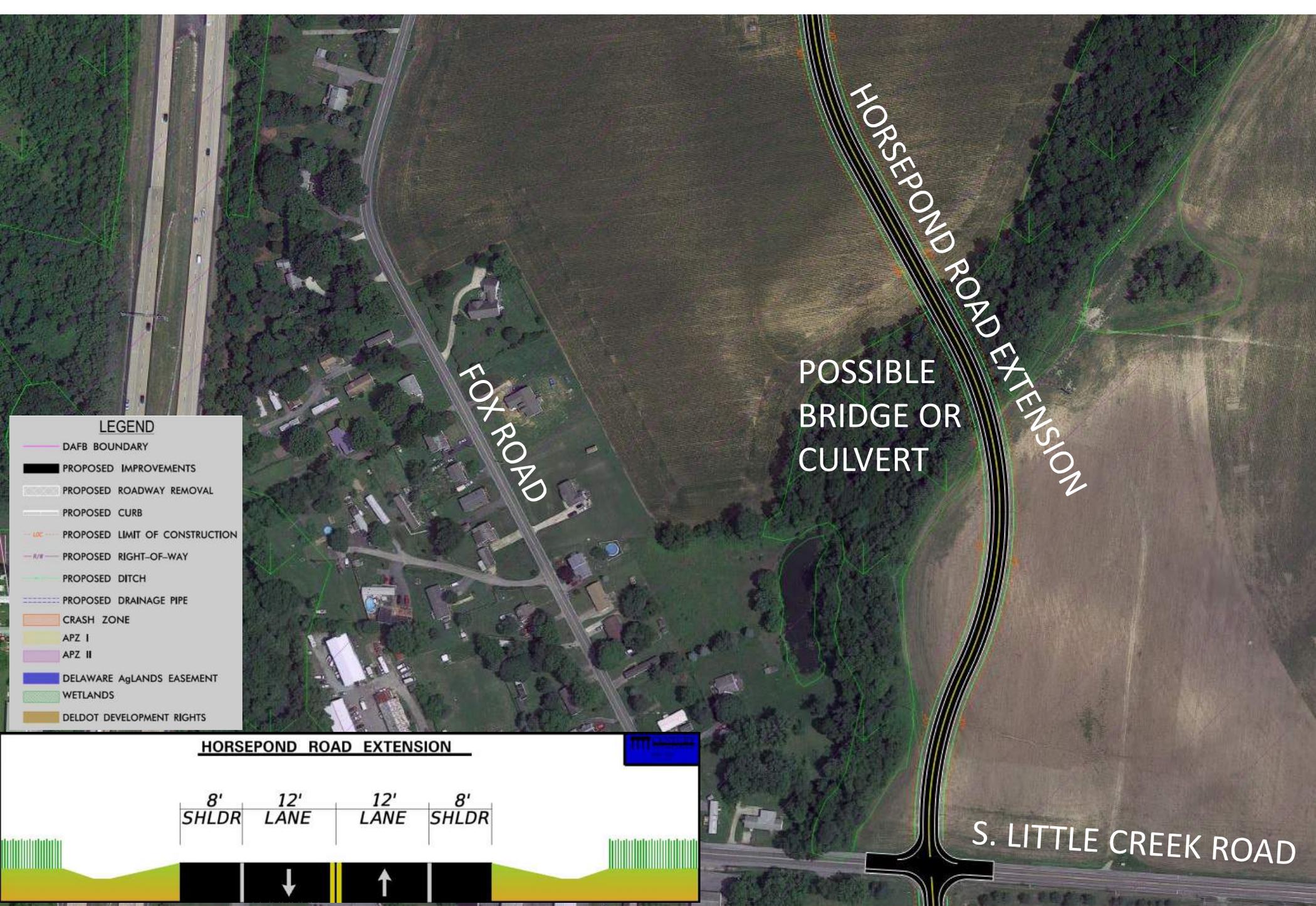
MCD
DRIVE

HORSEPOND ROAD

LEGEND

- DAFB BOUNDARY
- PROPOSED IMPROVEMENTS
- PROPOSED ROADWAY REMOVAL
- PROPOSED CURB
- PROPOSED LIMIT OF CONSTRUCTION
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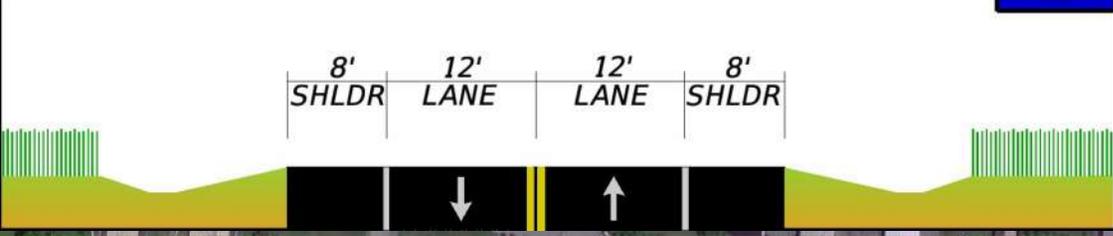




LEGEND

-  DAFB BOUNDARY
-  PROPOSED IMPROVEMENTS
-  PROPOSED ROADWAY REMOVAL
-  PROPOSED CURB
-  PROPOSED LIMIT OF CONSTRUCTION
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HORSEPOND ROAD EXTENSION



N. Little Creek Road

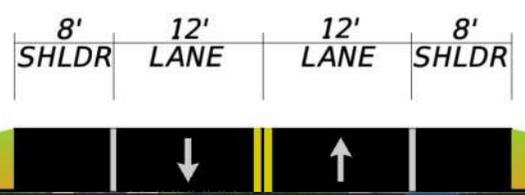
FOX ROAD

HORSEPOND ROAD EXTENSION

LEGEND

- DAFB BOUNDARY
- PROPOSED IMPROVEMENTS
- PROPOSED ROADWAY REMOVAL
- PROPOSED CURB
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HORSEPOND ROAD EXTENSION

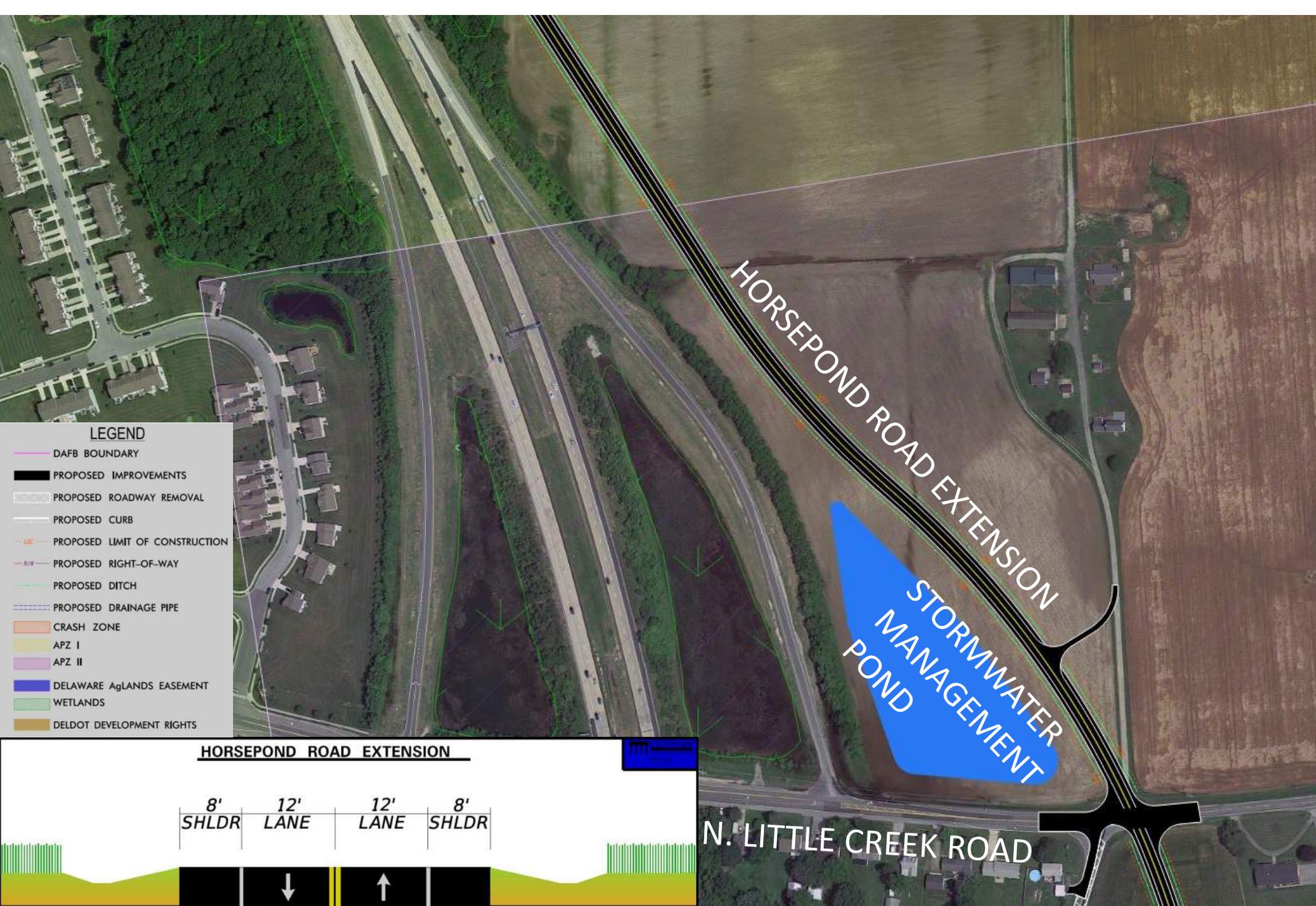


Poll Question 3

Do You Support Removing/Reducing Truck Traffic From Fox Road and Acorn Lane By Utilizing an Extension of Horsepond Road?

- A. Yes
- B. No
- C. Unsure

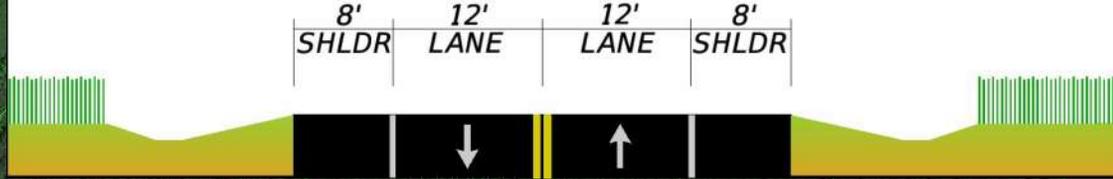




HORSEPOND ROAD EXTENSION



HORSEPOND ROAD EXTENSION



LEGEND

- DAFB BOUNDARY
- PROPOSED IMPROVEMENTS
- PROPOSED ROADWAY REMOVAL
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- PROPOSED LIMIT OF CONSTRUCTION
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- CRASH ZONE
- APZ I
- APZ II
- DELAWARE AgLANDS EASEMENT
- WETLANDS
- DELDOT DEVELOPMENT RIGHTS



GARRISON
OAKS
TECHNOLOGY PARK

PARK
ROADWAY

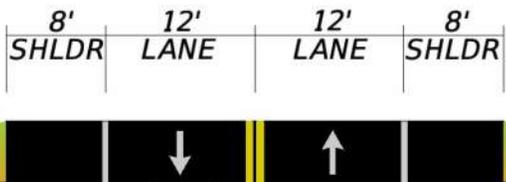
WHITE OAK ROAD

HORSEPOND ROAD EXTENSION

LEGEND

-  DAFB BOUNDARY
-  PROPOSED IMPROVEMENTS
-  PROPOSED ROADWAY REMOVAL
-  PROPOSED CURB
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-  DELDOT DEVELOPMENT RIGHTS

HORSEPOND ROAD EXTENSION



Poll Question 4

Do You Support Improvements to Horsepond Road, Such as Improving Shoulder Widths, Intersections, and Construction of a New Road That Extends Horsepond Road to Garrisons Oaks Technology Center?

- A. Yes
- B. No
- C. Unsure

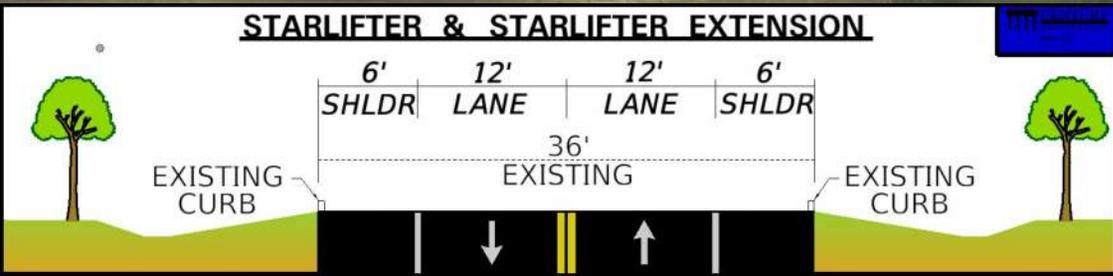


STARLIFTER AVENUE EXTENSION

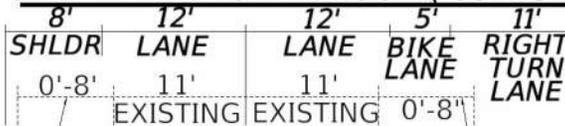
LEGEND

-  DAFB BOUNDARY
-  PROPOSED IMPROVEMENTS
-  PROPOSED ROADWAY REMOVAL
-  PROPOSED CURB
-  PROPOSED LIMIT OF CONSTRUCTION
-  PROPOSED RIGHT-OF-WAY
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STARLIFTER & STARLIFTER EXTENSION



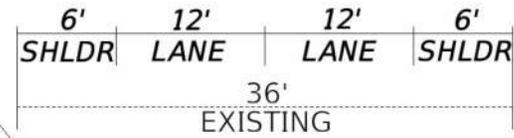
**SOUTH LITTLE CREEK ROAD AT
STARLIFTER AVENUE EXTENSION (LOOKING EAST)**



EXISTING SHOULDER VARIES

EXISTING SHOULDER VARIES

STARLIFTER & STARLIFTER EXTENSION



EXISTING CURB

EXISTING CURB



STARLIFTER AVENUE EXTENSION

S. LITTLE CREEK ROAD

LEGEND

- DAFB BOUNDARY
- PROPOSED IMPROVEMENTS
- PROPOSED ROADWAY REMOVAL
- PROPOSED CURB
- PROPOSED LIMIT OF CONSTRUCTION
- PROPOSED RIGHT-OF-WAY
- PROPOSED DITCH
- PROPOSED DRAINAGE PIPE
- CRASH ZONE
- APZ I
- APZ II
- DELAWARE AgLANDS EASEMENT
- WETLANDS
- DELDOT DEVELOPMENT RIGHTS



Poll Question 5

Do You Support Construction of a New Road That Extends Starlifter Avenue to S Little Creek Rd?

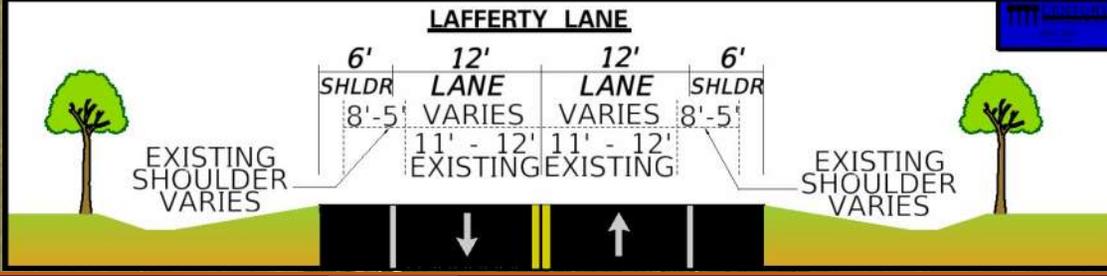
- A. Yes
- B. No
- C. Unsure

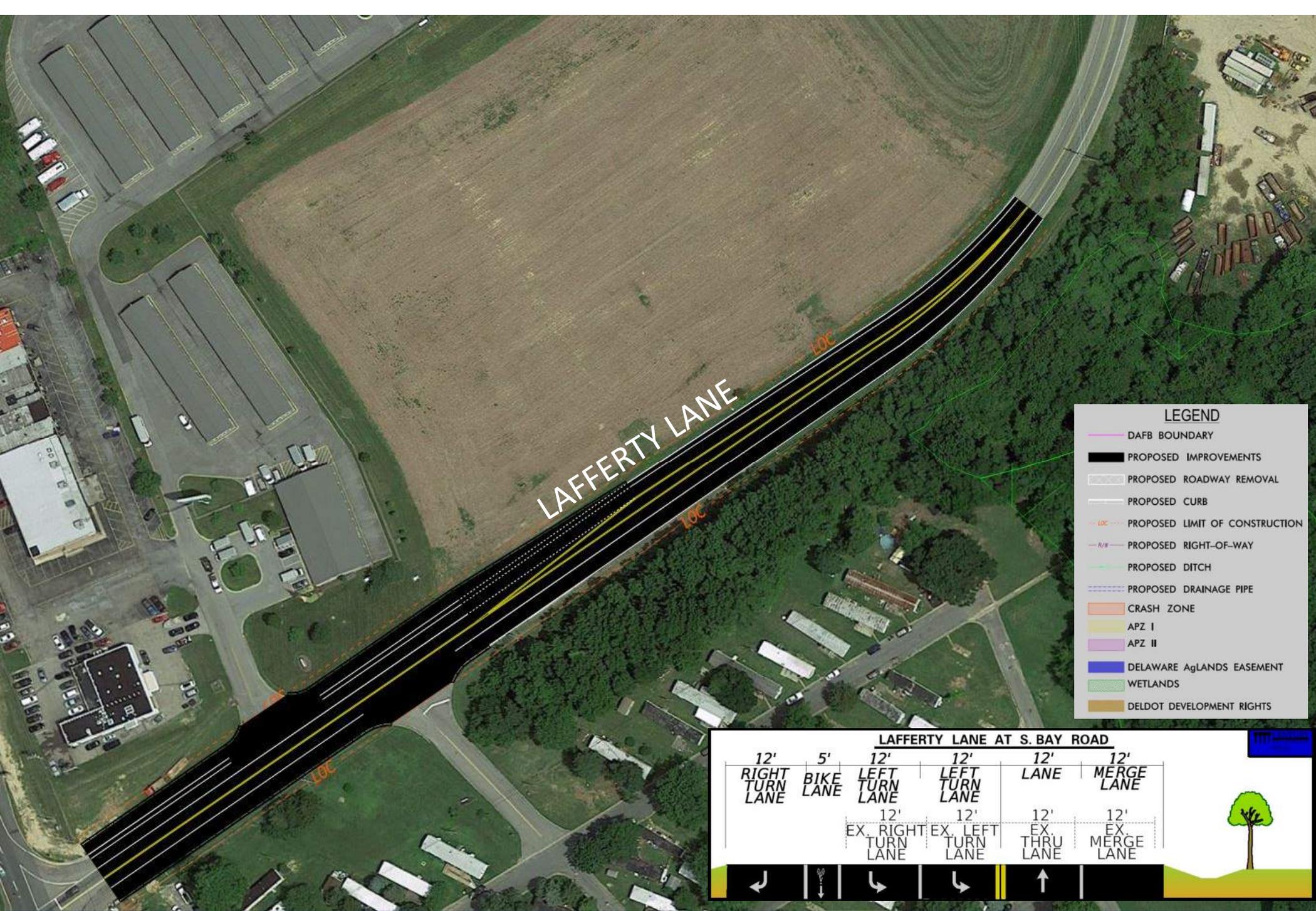




LAFFERTY LANE

- LEGEND**
- DAFB BOUNDARY
 - PROPOSED IMPROVEMENTS
 - PROPOSED ROADWAY REMOVAL
 - PROPOSED CURB
 - PROPOSED LIMIT OF CONSTRUCTION
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Poll Question 6

Do You Support Improvements to Lafferty Lane, Such as Intersections at Horsepond Road?

- A. Yes
- B. No
- C. Unsure



SR1 Access Analysis

White Oak Rd to Toll Plaza

Any new ramp location in this area would not meet spacing requirements and would create safety issues with weave near the toll plaza

Toll Plaza

White Oak

N. Little Creek

Exiting North Serving Ramps

Ramp adequately serve the existing and proposed industrial areas east of SR1

Lafferty to S. Little Creek

No opportunity based on existing ramp locations

S. Little Creek

Lafferty Lane

N. Little Creek to White Oak Rd.

A new ramp could meet spacing requirements but would not reduce overall travel times on the network

S. Little Creek to N. Little Creek

Any new ramp options would not meet spacing requirements and introduce unsafe weaving conditions

Designed by PoweredTemplate



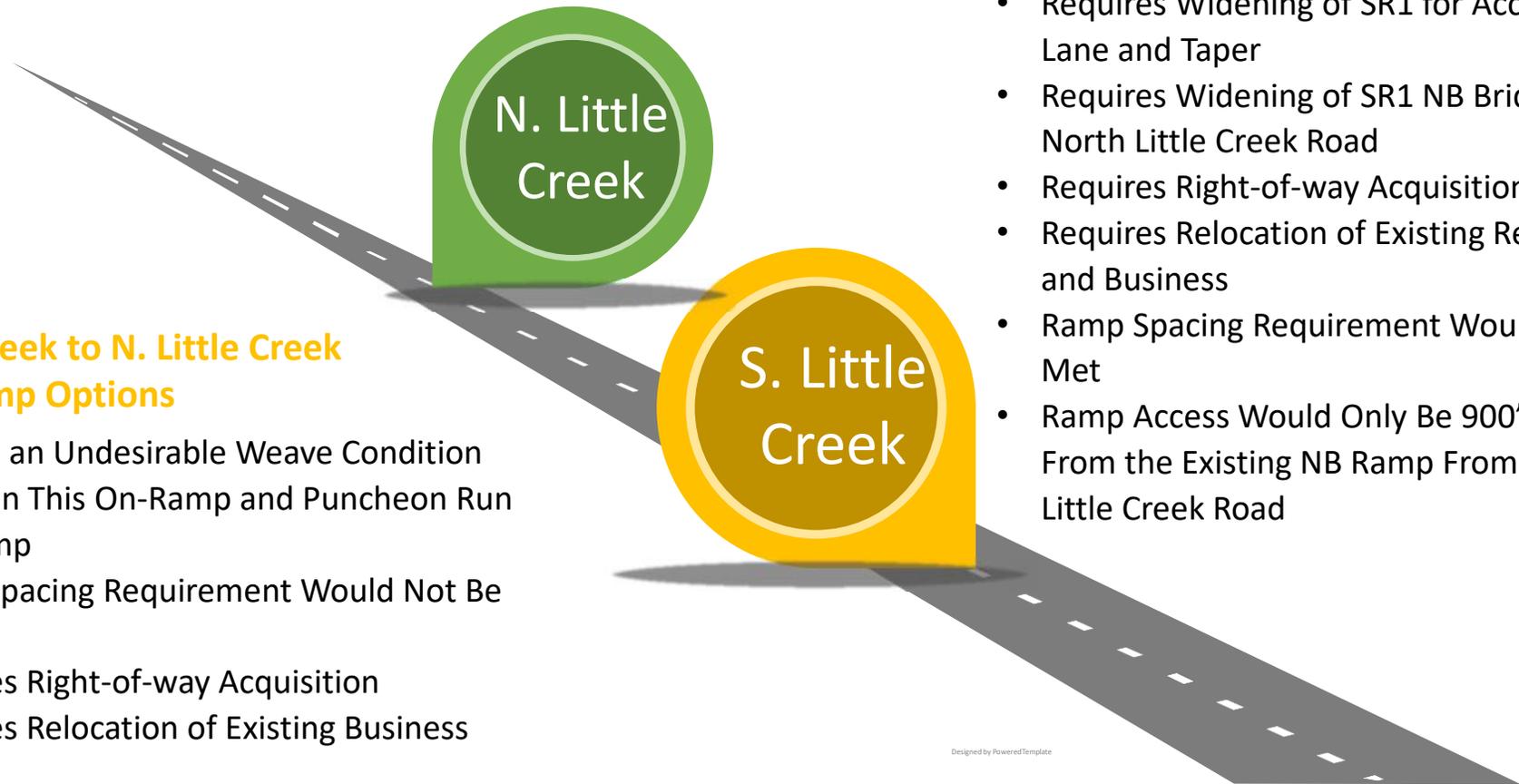
SR1 Access Analysis

S. Little Creek to N. Little Creek NB On Ramp Options

- Requires Widening of SR1 for Acceleration Lane and Taper
- Requires Widening of SR1 NB Bridge Over North Little Creek Road
- Requires Right-of-way Acquisition
- Requires Relocation of Existing Residence and Business
- Ramp Spacing Requirement Would Not Be Met
- Ramp Access Would Only Be 900' Away From the Existing NB Ramp From North Little Creek Road

S. Little Creek to N. Little Creek SB On Ramp Options

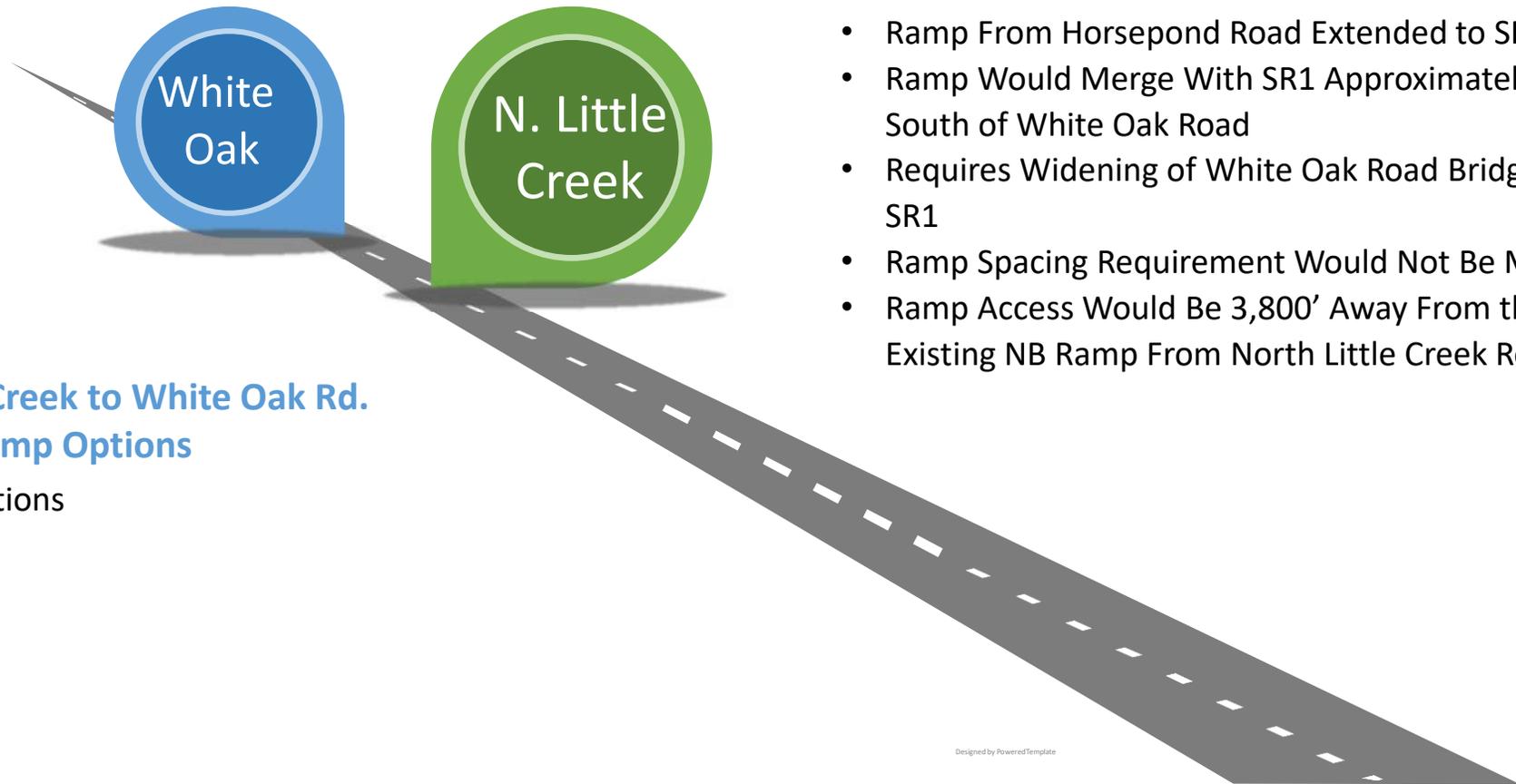
- Creates an Undesirable Weave Condition between This On-Ramp and Puncheon Run Off-Ramp
- Ramp Spacing Requirement Would Not Be Met
- Requires Right-of-way Acquisition
- Requires Relocation of Existing Business



Designed by PoweredTemplate



SR1 Access Analysis



N. Little Creek to White Oak Rd. NB On Ramp Options

- Ramp From Horsepond Road Extended to SR1 NB
- Ramp Would Merge With SR1 Approximately 1000' South of White Oak Road
- Requires Widening of White Oak Road Bridge Over SR1
- Ramp Spacing Requirement Would Not Be Met
- Ramp Access Would Be 3,800' Away From the Existing NB Ramp From North Little Creek Road

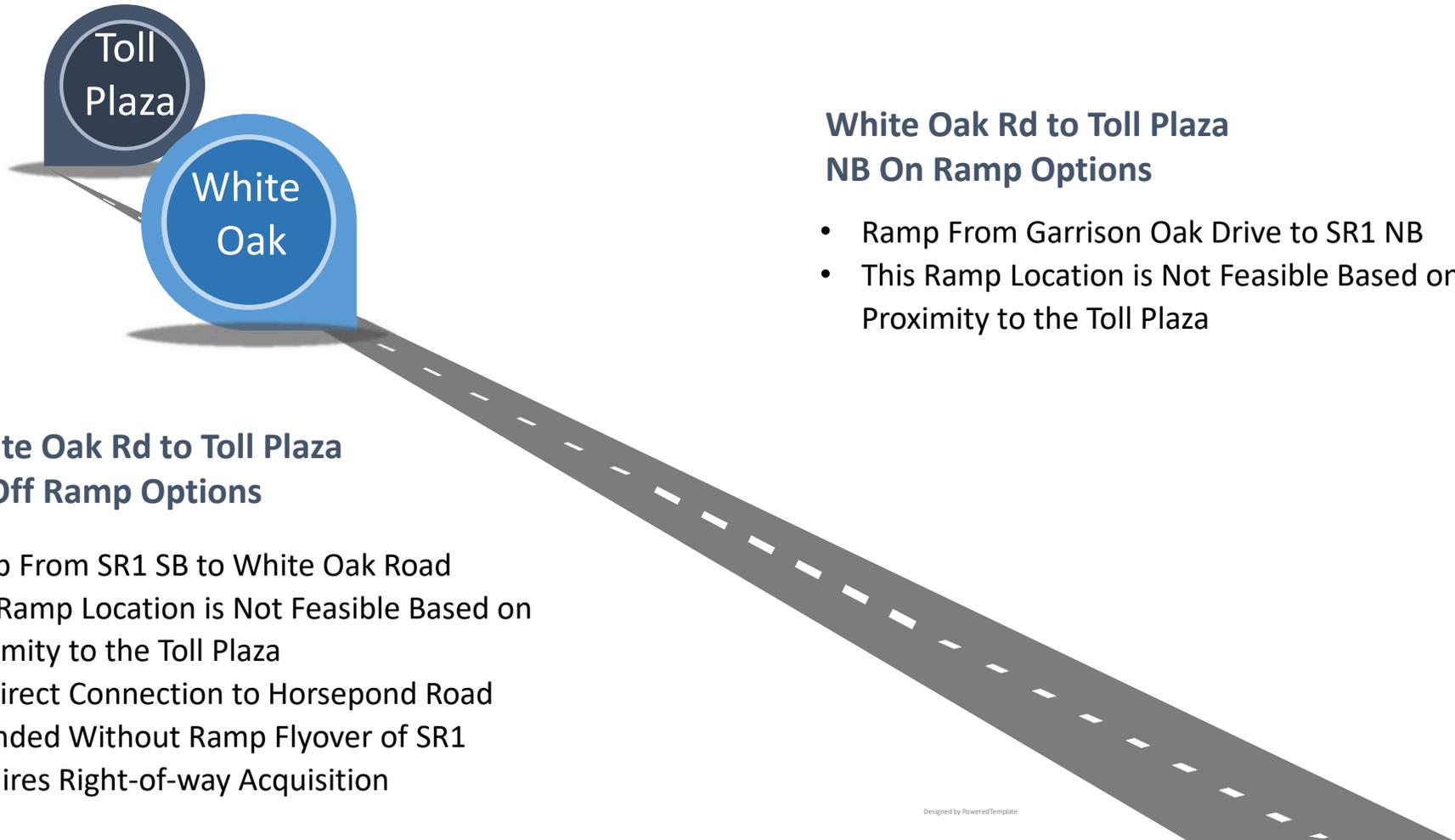
N. Little Creek to White Oak Rd. SB Off Ramp Options

- No Options

Designed by PoweredTemplate



SR1 Access Analysis



White Oak Rd to Toll Plaza NB On Ramp Options

- Ramp From Garrison Oak Drive to SR1 NB
- This Ramp Location is Not Feasible Based on Proximity to the Toll Plaza

White Oak Rd to Toll Plaza SB Off Ramp Options

- Ramp From SR1 SB to White Oak Road
- This Ramp Location is Not Feasible Based on Proximity to the Toll Plaza
- No Direct Connection to Horsepond Road Extended Without Ramp Flyover of SR1
- Requires Right-of-way Acquisition

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NEXT STEPS

April 2021

- **Community Workshop #2**
- Revise Conceptual Alternatives

May 2021

- Final Project Alternatives
- Draft Recommendations Report (PEL)
- Public Comment Period

June 2021

- Final Recommendations Report (PEL)
- Recommendations to MPO
- Recommendations to MPO Council



Thank you for taking time to participate in today's community workshop.

Your comments are important to us and will be considered along with comments from government and regulatory agencies. Safety and operational requirements will also be taken into account. Therefore, while all comments are considered, some comments may not be incorporated into the project.

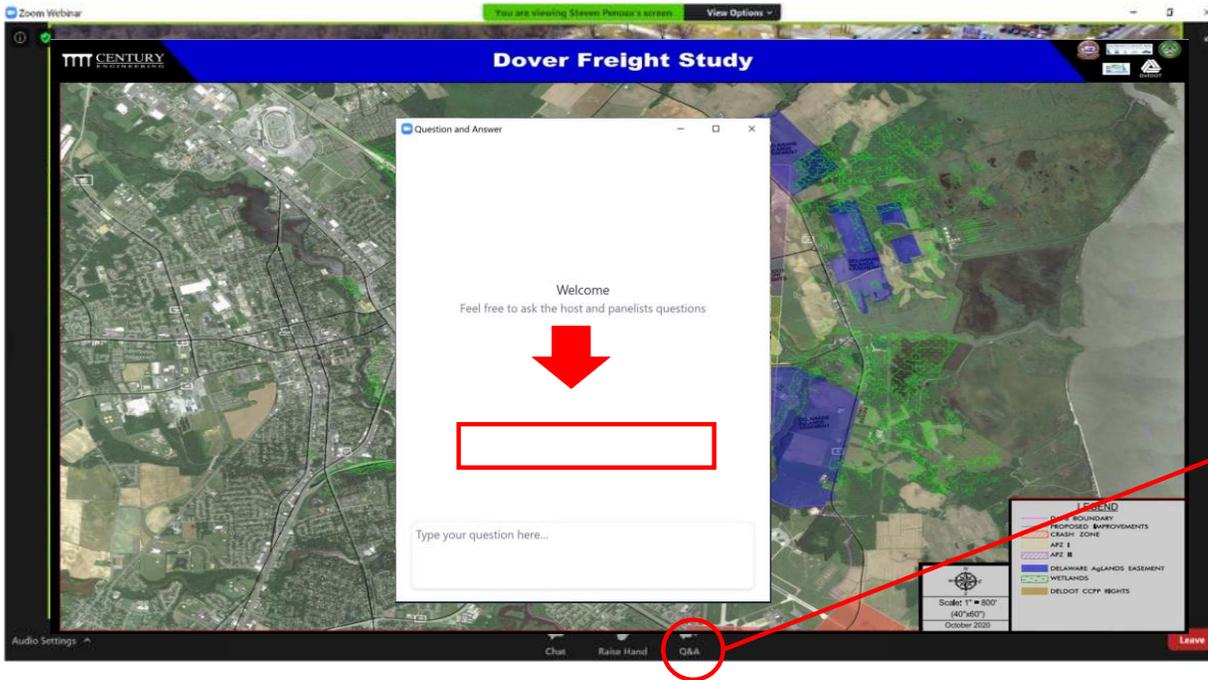
Please complete the survey at the end of this Workshop.



You may also mail or email comments to:

Attn: Jim Galvin
Dover/Kent County MPO
1783 Friends Way
Camden, DE 19934
James.Galvin@doverkentmpo.org

Start of Question & Answer Session



For Additional Information



- *9 – Raise Hand
- *6 – Unmute/Mute



Thank You!!

Thank You

